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(71) Applicant (for all designated States except US): MAR-IOFF CORPORATION OY [FI/FI]; P.O.BOX 25, Hakamäenkuja 4, FIN-01511 Vantaa (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SUNDHOLM, Göran [FI/FI]; Ilmari Kiannon kuja 3, FIN-04310 Tuusula (FI).

(74) Agent: HEINÄNEN OY; Annankatu 31-33 C, FIN-00100 Helsinki (FI).

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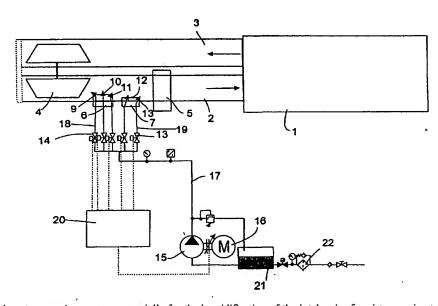
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(54) Title: WATER SPRAYING SYSTEM



(57) Abstract: A water spraying system, especially for the humidification of the intake air of a piston engine to reduce nitrogen oxide emissions, said system comprising at least one nozzle (9, 10, 11, 12, 13) for spraying an aqueous liquid mist into the air intake duct (2) and means for conveying the liquid to be sprayed to the nozzle. The system comprises means for accomplishing the injection of a spray of aqueous liquid mist to at least one point in the air intake duct (2) depending on the load and/or speed of rotation and/or temperature of the engine.

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